10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCDH18 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP13587b

Specification

PCDH18 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q9HCL0

PCDH18 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 54510

Other Names
Protocadherin-18, PCDH18, KIAA1562

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP13587b was selected from the C-term region of PCDH18. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PCDH18 Antibody (C-term) Blocking peptide - Protein Information

Name PCDH18

Synonyms KIAA1562

Function
Potential calcium-dependent cell-adhesion protein.

Cellular Location
Cell membrane; Single-pass type I membrane protein

Tissue Location
Expressed in all tissues, with highest expression in lung and ovary.

PCDH18 Antibody (C-term) Blocking peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

PCDH18 Antibody (C-term) Blocking peptide - Images

PCDH18 Antibody (C-term) Blocking peptide - Background

This gene belongs to the protocadherin gene family, asubfamily of the cadherin superfamily. This gene encodes a proteinwhich contains 6 extracellular cadherin domains, a transmembranedomain and a cytoplasmic tail differing from those of the classicalcadherins. Although its specific function is undetermined, thecadherin-related neuronal receptor is thought to play a role in theestablishment and function of specific cell-cell connections in thebrain.

PCDH18 Antibody (C-term) Blocking peptide - References

Homayouni, R., et al. Biochem. Biophys. Res. Commun. 289(2):539-547(2001)Wolverton, T., et al. Genomics 76 (1-3), 66-72 (2001) :Suzuki, S.T. Exp. Cell Res. 261(1):13-18(2000)Nollet, F., et al. J. Mol. Biol. 299(3):551-572(2000)Yagi, T., et al. Genes Dev. 14(10):1169-1180(2000)